rovements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

EMB

"FIRST AND FINAL BILL"

rovements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

Pre-Measurement :

Detailed Measurements							
Discription of Item		No	Length	Breadth	Depth	Qty	Unit
KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.							
RCC Drain							
Ambhabhavani Layout							
Main Road							
LHS(From Dead end)							
Ch:0m to 23m		1	23.00	1.10	0.80	20.24	
Culvert Gap(9th Cross)							
Ch:23m to 48.3m		1	25.30	1.10	0.80	22.26	
Culvert Gap(8th Cross)							
Ch:48.3m to 74.5m		1	26.20	1.10	0.80	23.06	
Rd Gap(7th Cross)							
Ch:74.5m to 88.4m		1	13.9	1.10	0.90	13.76	
RHS(at 6th Cross rd)							
Ch:0m to 3.4m		1	3.40	1.10	0.80	2.99	
Culvert Gap(6th Cross)							
Ch:3.4m to19.7m		1	16.3	1.10	0.80	14.34	
Rd Gap(7th Cross)							
Ch:19.7m to 32.8m **Gap**		1	13.1				
Ch:32.8m to 45.4m		1	12.6	1.10	0.80	11.53	
Rd Gap(8th Cross)							
Ch:45.4m to 71.3m		1	25.90	1.10	0.90	25.64	
Culvert Gap(1st Main)							
Ch:71.3m to 92.6m		1	21.30	1.10	0.90	21.09	
8th Cross Rd							
LHS(Dead end)							
Gap		1	12.70				
Ch:0m to 30m		1	30.00	1.10	0.80	26.40	
Ch:30m to 60m		1	30.00	1.10	0.80	26.40	
Ch:60m to 60.1m		1	0.10	1.10	0.80	0.09	
Culvert Gap							
Ch:60.1m to 74.9m		1	14.80	1.10	0.90	14.65	
Ch:74.9m to 79.8m **Gap**		1	4.90				
Ch:79.8m to 103.8m		1	24.00	1.10	0.90	23.76	
Ch:103.8m to 113m **Gap**		1	9.20				
Ch:113m to 136.2m		1	23.20	1.10	0.90	22.97	
Ch:136.2m to 141.2m		1	5.00	1.10	0.90	4.95	
Ch:141.2m to 168.3m		1	27.10	1.10	0.90	26.83	
RHS(Main Rd)							
Ch:0m to 10m		1	10.00	1.10	0.80	8.80	
Ch:10m to 18.7m		1	8.70	1.10	0.80	7.66	
Ch:18.7m to 23.7m		1	5.00	1.10	0.80	4.40	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Ch:23.7m to 27.9m		1	4.20	1.10	0.80	3.70	
Ch:27.9m to 46.9m		1	19.00	1.10	0.80	16.72	
Ch:46.9m to 56.8m		1	9.90	1.10	0.80	8.71	
Ch:56.8m to 86.8m		1	30.00	1.10	0.80	26.40	
Ch:86.8m to 101.7m		1	14.90	1.10	0.80	13.11	
Ch:101.7m to 106.4m **Gap**		1	4.70				
Ch:106.4m to 136.4m		1	30.00	1.10	0.80	26.40	
Ch:136.4m to156.7m		1	20.30	1.10	0.80	17.86	
Ch:156.7m to172.1m		1	15.40	1.10	0.80	13.55	
Ch:172.1m to 188.2m		1	16.10	1.10	0.80	14.17	
Cross rd							
LHS							
Ch:0m to 25.1m		1	25.10	1.10	0.80	22.09	
RHS							
Ch:0m to 26.4m		1	26.40	1.10	0.80	23.23	
Maruthi nagara							
Main Road							
LHS							
Ch:0m to 30m		1	30.00	1.10	0.80	26.40	
Ch:30m to 60m		1	30.00	1.10	0.80	26.40	
Ch:60m to 65.8m		1	5.80	1.10	0.80	5.10	
Ch:65.8m to 75.9m		1	10.10	1.10	0.80	8.89	
Ch:75.9m to 105.9m		1	30.00	1.10	0.80	26.40	
Ch:105.9m to 135.9m		1	30.00	1.10	0.80	26.40	
Ch:135.9m to 148.4m		1	12.50	1.10	0.80	11.00	
RHS(Dead End)							
Ch:0m to 30m		1	30.00	1.10	0.90	29.70	
Ch:30m to 48.2m		1	18.20	1.10	0.90	18.02	
Ch:48.2m to 51.2m		1	3.00	1.10	0.90	2.97	
Ch:51.2m to 60.2m		1	9.00	1.10	0.90	8.91	
Rd Gap(1st Cross Rd)							
Ch:60.2m to 76.7m		1	16.50	1.10	0.90	16.34	
Ch:76.7m to 89.2m **Gap**		1	12.50				
Ch:89.2m to 119.2m		1	30.00	1.10	0.90	29.70	
Ch:119.2m to 141.9m		1	22.70	1.10	0.90	22.47	
1st Cross Rd							
LHS							
Ch:0m to 16.4m		1	16.40	1.10	0.90	16.24	
Ch:16.4m to 31.8m		1	15.40	1.10	0.90	15.25	
Rd Gap(2nd Cross Rd)							
Ch: 31.8m to 61.8m		1	30.00	1.10	0.90	29.70	
Rd Gap(3rd Cross Rd)							
Ch:61.8m to 90.8m		1	29.00	1.10	0.90	28.71	
upto Turning							
RHS(Dead End)							
Ch:0m to 9.4m		1	9.40	1.10	0.80	8.27	
Ch:9.4m to 39.4m		1	30.00	1.10	0.80	26.40	
Ch:39.4m to 69.4m		1	30.00	1.10	0.80	26.40	
Ch:69.4m to 99.4m		1	30.00	1.10	0.80	26.40	
Ch:99.4m to 111m		1	11.60	1.10	0.80	10.21	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
h:111m to 114m		1	3.00	1.10	0.80	2.64	
h:114m to 121.3m		1	7.30	1.10	0.80	6.42	
nd Cross Rd							
RHS							
Ch:0m to 30m		1	30.00	1.10	0.90	29.70	
Ch:0m to 56.9m		1	26.90	1.10	0.90	26.63	
3rd Cross Rd							
LHS							
Ch:0m to 19.5m		1	19.50	1.10	0.90	19.31	
Ch:19.5m to 28.9m		1	9.40	1.10	0.90	9.31	
Ch:28.9m to 47m		1	18.10	1.10	0.90	17.92	
Ch:47m to 54.6m		1	7.60	1.10	0.90	7.52	
Ch:54.6m to 84.6m		1	30.00	1.10	0.90	29.70	
Ch:84.6m to 114.6m		1	30.00	1.10	0.90	29.70	
Ch:114.6m to 132.9m		1	18.30	1.10	0.90	18.12	
RHS(Dead end)							
Ch:0m to 12.4m **Gap**		1	12.40				
Ch:12.4m to 21.5m		1	9.10	1.10	0.90	9.01	
Ch:21.5m to 30.7m **Gap**		1	9.20				
Ch:30.7m to 40.7m		1	10.00	1.10	0.80	8.80	
Ch:40.7m to 43.7m		1	3.00	1.10	0.80	2.64	
Ch:43.7m to 49.5m		1	5.80	1.10	0.80	5.10	
Ch:49.5m to 58.9m		1	9.40	1.10	0.80	8.27	
Ch:58.9m to 67.9m		1	9.00	1.10	0.80	7.92	
Ch:67.9m to 77.3m		1	9.40	1.10	0.80	8.27	
Ch:77.3m to 93.5m		1	16.20	1.10	0.80	14.26	
Ch:93.5m to 102.7m		1	9.20	1.10	0.80	8.10	
Ch:102.7m to111.7m		1	9.00	1.10	0.80	7.92	
Ch:111.7m to 121m		1	9.30	1.10	0.80	8.18	
Ch:121m to 131.8m		1	10.80	1.10	0.80	9.50	
4th Cross Rd							
LHS							
Ch:0m to 30m		1	30.00	1.10	0.90	29.70	
Ch:30m to 39.8m		1	9.80	1.10	0.90	9.70	
Ch:39.8m to 45.7m		1	5.90	1.10	0.90	5.84	
Ch:45.7m to 56.6m		1	10.90	1.10	0.90	10.79	
Ch:56.6m to 86.6m		1	30.00	1.10	0.90	29.70	
Ch:86.6m to 116.6m		1	30.00	1.10	0.90	29.70	
Ch:116.6m to 126.4m		1	9.80	1.10	0.90	9.70	
RHS(Dead end)							
Ch:0m to 24.4m		1	24.40	1.10	0.90	24.16	
Ch:24.4m to 34m		1	9.60	1.10	0.90	9.50	
Ch:34m to 64m		1	30.00	1.10	0.90	29.70	
Ch:64m to 71m		1	7.00	1.10	0.90	6.93	
Ch:71m to 73.4m		1	2.40	1.10	0.90	2.38	
Ch:73.4m to 80.9m		1	7.50	1.10	0.90	7.43	
Ch:80.9m to 94.9m		1	14.00	1.10	0.90	13.86	
Ch:94.9m to 109.6m		1	14.70	1.10	0.90	14.55	
Ch:109.6m to 123.2m		1	13.60	1.10	0.90	13.46	
Culvert							
Ambhabhavani Layout							

...NAGARA PALIKE

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Main Road							
th Cross rd(LHS)		1	6.30	1.50	0.90	8.51	
th Cross rd(LHS)		1	6.50	1.50	0.90	8.78	
th Cross rd(LHS)		1	6.20	1.50	0.90	8.37	
10th Cross rd(LHS)		1	3.70	1.50	0.90	5.00	
5th Cross rd(RHS)		1	8.00	1.50	0.90	10.80	
1st Main Rd(RHS)		1	5.60	1.50	0.90	7.56	
2nd Main Rd(RHS)		1	4.00	1.50	0.90	5.40	
8th Cross rd		1	5.60	1.50	0.90	7.56	
Maruthi nagara							
3rd Cross Rd		1	6.20	1.80	0.90	10.04	
Chowdappa Layout		1	6.00	1.50	0.90	8.10	
					Present Qty	**1576.19**	**Cum**

Contractor

NEWTEN CONSULTANT BANGALORE
K.R
PMC

Assistant Engineer

20.5.2020

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಪ.ಪ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,
20.5.2020

provements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

Pre-Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.							
RCC Drain							
Ambhabhavani Layout							
Main Road							
LHS(From Dead end)							
Ch:0m to 23m		1	23.00	1.10	0.15	3.80	
Culvert Gap(9th Cross)							
Ch:23m to 48.3m		1	25.30	1.10	0.15	4.17	
Culvert Gap(8th Cross)							
Ch:48.3m to 74.5m		1	26.20	1.10	0.15	4.32	
Rd Gap(7th Cross)							
Ch:74.5m to 88.4m		1	13.9	1.10	0.15	2.29	
RHS(at 6th Cross rd)							
Ch:0m to 3.4m		1	3.40	1.10	0.15	0.56	
Culvert Gap(6th Cross)							
Ch:3.4m to19.7m		1	16.3	1.10	0.15	2.69	
Rd Gap(7th Cross)							
Ch:19.7m to 32.8m **Gap**		1	13.1				
Ch:32.8m to 45.4m		1	12.6	1.10	0.15	2.08	
Rd Gap(8th Cross)							
Ch:45.4m to 71.3m		1	25.90	1.10	0.15	4.27	
Culvert Gap(1st Main)							
Ch:71.3m to 92.6m		1	21.30	1.10	0.15	3.51	
8th Cross Rd							
LHS(Dead end)							
Gap		1	12.70				
Ch:0m to 30m		1	30.00	1.10	0.15	4.95	
Ch:30m to 60m		1	30.00	1.10	0.15	4.95	
Ch:60m to 60.1m		1	0.10	1.10	0.15	0.02	
Culvert Gap							
Ch:60.1m to 74.9m		1	14.80	1.10	0.15	2.44	
Ch:74.9m to 79.8m **Gap**		1	4.90				
Ch:79.8m to 103.8m		1	24.00	1.10	0.15	3.96	
Ch:103.8m to 113m **Gap**		1	9.20				
Ch:113m to 136.2m		1	23.20	1.10	0.15	3.83	
Ch:136.2m to 141.2m		1	5.00	1.10	0.15	0.83	
Ch:141.2m to 168.3m		1	27.10	1.10	0.15	4.47	
RHS(Main Rd)							
Ch:0m to 10m		1	10.00	1.10	0.15	1.65	
Ch:10m to 18.7m		1	8.70	1.10	0.15	1.44	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
h:18.7m to 23.7m		1	5.00	1.10	0.15	0.83	
h:23.7m to 27.9m		1	4.20	1.10	0.15	0.69	
h:27.9m to 46.9m		1	19.00	1.10	0.15	3.14	
h:46.9m to 56.8m		1	9.90	1.10	0.15	1.63	
h:56.8m to 86.8m		1	30.00	1.10	0.15	4.95	
h:86.8m to 101.7m		1	14.90	1.10	0.15	2.46	
h:101.7m to 106.4m **Gap**		1	4.70				
h:106.4m to 136.4m		1	30.00	1.10	0.15	4.95	
h:136.4m to156.7m		1	20.30	1.10	0.15	3.35	
Ch:156.7m to172.1m		1	15.40	1.10	0.15	2.54	
Ch:172.1m to 188.2m		1	16.10	1.10	0.15	2.66	
Cross rd							
LHS							
Ch:0m to 25.1m		1	25.10	1.10	0.15	4.14	
RHS							
Ch:0m to 26.4m		1	26.40	1.10	0.15	4.36	
Maruthi nagara							
Main Road							
LHS							
Ch:0m to 30m		1	30.00	1.10	0.15	4.95	
Ch:30m to 60m		1	30.00	1.10	0.15	4.95	
Ch:60m to 65.8m		1	5.80	1.10	0.15	0.96	
Ch:65.8m to 75.9m		1	10.10	1.10	0.15	1.67	
Ch:75.9m to 105.9m		1	30.00	1.10	0.15	4.95	
Ch:105.9m to 135.9m		1	30.00	1.10	0.15	4.95	
Ch:135.9m to 148.4m		1	12.50	1.10	0.15	2.06	
RHS(Dead End)							
Ch:0m to 30m		1	30.00	1.10	0.15	4.95	
Ch:30m to 48.2m		1	18.20	1.10	0.15	3.00	
Ch:48.2m to 51.2m		1	3.00	1.10	0.15	0.50	
Ch:51.2m to 60.2m		1	9.00	1.10	0.15	1.49	
Rd Gap(1st Cross Rd)							
Ch:60.2m to 76.7m		1	16.50	1.10	0.15	2.72	
Ch:76.7m to 89.2m **Gap**		1	12.50				
Ch:89.2m to 119.2m		1	30.00	1.10	0.15	4.95	
Ch:119.2m to 141.9m		1	22.70	1.10	0.15	3.75	
1st Cross Rd							
LHS							
Ch:0m to 16.4m		1	16.40	1.10	0.15	2.71	
Ch:16.4m to 31.8m		1	15.40	1.10	0.15	2.54	
Rd Gap(2nd Cross Rd)							
Ch: 31.8m to 61.8m		1	30.00	1.10	0.15	4.95	
Rd Gap(3rd Cross Rd)							
Ch:61.8m to 90.8m		1	29.00	1.10	0.15	4.79	
upto Turning							
RHS(Dead End)							
Ch:0m to 9.4m		1	9.40	1.10	0.15	1.55	
Ch:9.4m to 39.4m		1	30.00	1.10	0.15	4.95	
Ch:39.4m to 69.4m		1	30.00	1.10	0.15	4.95	
Ch:69.4m to 99.4m		1	30.00	1.10	0.15	4.95	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
:99.4m to 111m		1	11.60	1.10	0.15	1.91	
h:111m to 114m		1	3.00	1.10	0.15	0.50	
h:114m to 121.3m		1	7.30	1.10	0.15	1.20	
nd Cross Rd							
.HS							
h:0m to 30m		1	30.00	1.10	0.15	4.95	
h:0m to 56.9m		1	26.90	1.10	0.15	4.44	
rd Cross Rd							
.HS							
Ch:0m to 19.5m		1	19.50	1.10	0.15	3.22	
Ch:19.5m to 28.9m		1	9.40	1.10	0.15	1.55	
Ch:28.9m to 47m		1	18.10	1.10	0.15	2.99	
Ch:47m to 54.6m		1	7.60	1.10	0.15	1.25	
Ch:54.6m to 84.6m		1	30.00	1.10	0.15	4.95	
Ch:84.6m to 114.6m		1	30.00	1.10	0.15	4.95	
Ch:114.6m to 132.9m		1	18.30	1.10	0.15	3.02	
RHS(Dead end)							
Ch:0m to 12.4m **Gap**		1	12.40				
Ch:12.4m to 21.5m		1	9.10	1.10	0.15	1.50	
Ch:21.5m to 30.7m **Gap**		1	9.20				
Ch:30.7m to 40.7m		1	10.00	1.10	0.15	1.65	
Ch:40.7m to 43.7m		1	3.00	1.10	0.15	0.50	
Ch:43.7m to 49.5m		1	5.80	1.10	0.15	0.96	
Ch:49.5m to 58.9m		1	9.40	1.10	0.15	1.55	
Ch:58.9m to 67.9m		1	9.00	1.10	0.15	1.49	
Ch:67.9m to 77.3m		1	9.40	1.10	0.15	1.55	
Ch:77.3m to 93.5m		1	16.20	1.10	0.15	2.67	
Ch:93.5m to 102.7m		1	9.20	1.10	0.15	1.52	
Ch:102.7m to111.7m		1	9.00	1.10	0.15	1.49	
Ch:111.7m to 121m		1	9.30	1.10	0.15	1.53	
Ch:121m to 131.8m		1	10.80	1.10	0.15	1.78	
4th Cross Rd							
LHS							
Ch:0m to 30m		1	30.00	1.10	0.15	4.95	
Ch:30m to 39.8m		1	9.80	1.10	0.15	1.62	
Ch:39.8m to 45.7m		1	5.90	1.10	0.15	0.97	
Ch:45.7m to 56.6m		1	10.90	1.10	0.15	1.80	
Ch:56.6m to 86.6m		1	30.00	1.10	0.15	4.95	
Ch:86.6m to 116.6m		1	30.00	1.10	0.15	4.95	
Ch:116.6m to 126.4m		1	9.80	1.10	0.15	1.62	
RHS(Dead end)							
Ch:0m to 24.4m		1	24.40	1.10	0.15	4.03	
Ch:24.4m to 34m		1	9.60	1.10	0.15	1.58	
Ch:34m to 64m		1	30.00	1.10	0.15	4.95	
Ch:64m to 71m		1	7.00	1.10	0.15	1.16	
Ch:71m to 73.4m		1	2.40	1.10	0.15	0.40	
Ch:73.4m to 80.9m		1	7.50	1.10	0.15	1.24	
Ch:80.9m to 94.9m		1	14.00	1.10	0.15	2.31	
Ch:94.9m to 109.6m		1	14.70	1.10	0.15	2.43	
Ch:109.6m to 123.2m		1	13.60	1.10	0.15	2.24	
For Kerb Stone							

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
mbhabhavani Layout							
lain Road							
HS(From Dead end)							
h:0m to 23m		1	23.00	0.20	0.10	0.46	
ulvert Gap(9th Cross)							
h:23m to 48.3m		1	25.30	0.20	0.10	0.51	
ulvert Gap(8th Cross)							
h:48.3m to 74.5m		1	26.20	0.20	0.10	0.52	
d Gap(7th Cross)							
h:74.5m to 88.4m		1	13.9	0.20	0.10	0.28	
RHS(at 6th Cross rd)							
Ch:0m to 3.4m		1	3.40	0.20	0.10	0.07	
Culvert Gap(6th Cross)							
Ch:3.4m to19.7m		1	16.3	0.20	0.10	0.33	
Rd Gap(7th Cross)							
Ch:19.7m to 32.8m **Gap**		1	13.1				
Ch:32.8m to 45.4m		1	12.6	0.20	0.10	0.25	
Rd Gap(8th Cross)							
Ch:45.4m to 71.3m		1	25.90	0.20	0.10	0.52	
Culvert Gap(1st Main)							
Ch:71.3m to 92.6m		1	21.30	0.20	0.10	0.43	
Maruthi nagara							
Main Road							
LHS							
Ch:0m to 30m		1	30.00	0.20	0.10	0.60	
Ch:30m to 60m		1	30.00	0.20	0.10	0.60	
Ch:60m to 65.8m		1	5.80	0.20	0.10	0.12	
Ch:65.8m to 75.9m		1	10.10	0.20	0.10	0.20	
Ch:75.9m to 105.9m		1	30.00	0.20	0.10	0.60	
Ch:105.9m to 135.9m		1	30.00	0.20	0.10	0.60	
Ch:135.9m to 148.4m		1	12.50	0.20	0.10	0.25	
RHS(Dead End)							
Ch:0m to 30m		1	30.00	0.20	0.10	0.60	
Ch:30m to 48.2m		1	18.20	0.20	0.10	0.36	
Ch:48.2m to 51.2m		1	3.00	0.20	0.10	0.06	
Ch:51.2m to 60.2m		1	9.00	0.20	0.10	0.18	
Rd Gap(1st Cross Rd)							
Ch:60.2m to 76.7m		1	16.50	0.20	0.10	0.33	
Ch:76.7m to 89.2m **Gap**		1	12.50				
Ch:89.2m to 119.2m		1	30.00	0.20	0.10	0.60	
Ch:119.2m to 141.9m		1	22.70	0.20	0.10	0.45	
1st Cross Rd							
LHS							
Ch:0m to 16.4m		1	16.40	0.20	0.10	0.33	
Ch:16.4m to 31.8m		1	15.00	0.20	0.10	0.30	
Rd Gap(2nd Cross Rd)							
Ch: 31.8m to 61.8m		1	30.00	0.20	0.10	0.60	
Rd Gap(3rd Cross Rd)							
Ch:61.8m to 90.8m		1	29.00	0.20	0.10	0.58	
upto Turning							

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
RHS(Dead End)							
Ch:0m to 9.4m		1	9.40	0.20	0.10	0.19	
Ch:9.4m to 39.4m		1	30.00	0.20	0.10	0.60	
Ch:39.4m to 69.4m		1	30.00	0.20	0.10	0.60	
Ch:69.4m to 99.4m		1	30.00	0.20	0.10	0.60	
Ch:99.4m to 111m		1	11.60	0.20	0.10	0.23	
Ch:111m to 114m		1	3.00	0.20	0.10	0.06	
Ch:114m to 121.3m		1	7.30	0.20	0.10	0.15	
missing/damaged kerbs							
Sainagar Phase I							
		1	3.00	0.20	0.10	0.06	
		1	6.00	0.20	0.10	0.12	
		1	7.20	0.20	0.10	0.14	
		1	6.90	0.20	0.10	0.14	
		1	4.50	0.20	0.10	0.09	
		1	8.00	0.20	0.10	0.16	
		1	10.40	0.20	0.10	0.21	
		1	5.00	0.20	0.10	0.10	
		1	13.70	0.20	0.10	0.27	
		1	12.00	0.20	0.10	0.24	
		1	5.10	0.20	0.10	0.10	
		1	13.60	0.20	0.10	0.27	
Ayyappa layout							
		1	4.00	0.20	0.10	0.08	
		1	13.40	0.20	0.10	0.27	
		1	8.90	0.20	0.10	0.18	
		1	4.70	0.20	0.10	0.09	
		1	6.80	0.20	0.10	0.14	
		1	5.20	0.20	0.10	0.10	
		1	14.00	0.20	0.10	0.28	
		1	8.40	0.20	0.10	0.17	
		1	7.10	0.20	0.10	0.14	
		1	9.50	0.20	0.10	0.19	
		1	8.40	0.20	0.10	0.17	
		1	10.20	0.20	0.10	0.20	
		1	4.00	0.20	0.10	0.08	
		1	6.30	0.20	0.10	0.13	
Jyothinagara							
		1	13.40	0.20	0.10	0.27	
		1	10.00	0.20	0.10	0.20	
		1	3.80	0.20	0.10	0.08	
		1	14.90	0.20	0.10	0.30	
		1	5.80	0.20	0.10	0.12	
		1	9.40	0.20	0.10	0.19	
		1	5.80	0.20	0.10	0.12	
		1	7.80	0.20	0.10	0.16	
		1	8.90	0.20	0.10	0.18	
Muniswamappa layout							
		1	5.00	0.20	0.10	0.10	
		1	7.10	0.20	0.10	0.14	
		1	8.50	0.20	0.10	0.17	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
		1	9.90	0.20	0.10	0.20	
		1	14.70	0.20	0.10	0.29	
		1	11.40	0.20	0.10	0.23	
		1	13.50	0.20	0.10	0.27	
		1	9.20	0.20	0.10	0.18	
Culvert		1	10.20	0.20	0.10	0.20	
Ambhabhavani Layout							
Main Road							
6th Cross rd(LHS)		1	6.30	1.50	0.15	1.42	
8th Cross rd(LHS)		1	6.50	1.50	0.15	1.46	
9th Cross rd(LHS)		1	6.20	1.50	0.15	1.40	
10th Cross rd(LHS)		1	3.70	1.50	0.15	0.83	
6th Cross rd(RHS)		1	8.00	1.50	0.15	1.80	
1st Main Rd(RHS)		1	5.60	1.50	0.20	1.68	
2nd Main Rd(RHS)		1	4.00	1.50	0.20	1.20	
8th Cross rd		1	5.60	1.50	0.20	1.68	
Maruthi nagara							
3rd Cross Rd		1	6.20	1.80	0.20	2.23	
Chowdappa Layout		1	6.00	1.50	0.20	1.80	
					Present Qty	**299.60**	**Cum**

B.P. Mahesh
Contractor

NEWLEN CONSULTANT * BANGALORE *
PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
Asst. Executive Engineer,

10.6.2020

mprovements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

f Pre-Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.							
RCC Drain							
Raft							
Ambhabhavani Layout							
Main Road							
LHS(From Dead end)							
Ch:0m to 23m		1	23.00	0.90	0.15	3.11	
Culvert Gap(9th Cross)							
Ch:23m to 48.3m		1	25.30	0.90	0.15	3.42	
Culvert Gap(8th Cross)							
Ch:48.3m to 74.5m		1	26.20	0.90	0.15	3.54	
Rd Gap(7th Cross)							
Ch:74.5m to 88.4m		1	13.9	0.90	0.15	1.88	
RHS(at 6th Cross rd)							
Ch:0m to 3.4m		1	3.40	0.90	0.15	0.46	
Culvert Gap(6th Cross)							
Ch:3.4m to19.7m		1	16.3	0.90	0.15	2.20	
Rd Gap(7th Cross)							
Ch:19.7m to 32.8m **Gap**		1	13.1				
Ch:32.8m to 45.4m		1	12.6	0.90	0.15	1.70	
Rd Gap(8th Cross)							
Ch:45.4m to 71.3m		1	25.90	0.90	0.15	3.50	
Culvert Gap(1st Main)							
Ch:71.3m to 92.6m		1	21.30	0.90	0.15	2.88	
8th Cross Rd							
LHS(Dead end)							
Gap		1	12.70				
Ch:0m to 30m		1	30.00	0.90	0.15	4.05	
Ch:30m to 60m		1	30.00	0.90	0.15	4.05	
Ch:60m to 60.1m		1	0.10	0.90	0.15	0.01	
Culvert Gap							
Ch:60.1m to 74.9m		1	14.80	0.90	0.15	2.00	
Ch:74.9m to 79.8m **Gap**		1	4.90				
Ch:79.8m to 103.8m		1	24.00	0.90	0.15	3.24	
Ch:103.8m to 113m **Gap**		1	9.20				
Ch:113m to 136.2m		1	23.20	0.90	0.15	3.13	
Ch:136.2m to 141.2m		1	5.00	0.90	0.15	0.68	
Ch:141.2m to 168.3m		1	27.10	0.90	0.15	3.66	
RHS(Main Rd)							
Ch:0m to 10m		1	10.00	0.90	0.15	1.35	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Ch:10m to 18.7m		1	8.70	0.90	0.15	1.17	
Ch:18.7m to 23.7m		1	5.00	0.90	0.15	0.68	
Ch:23.7m to 27.9m		1	4.20	0.90	0.15	0.57	
Ch:27.9m to 46.9m		1	19.00	0.90	0.15	2.57	
Ch:46.9m to 56.8m		1	9.90	0.90	0.15	1.34	
Ch:56.8m to 86.8m		1	30.00	0.90	0.15	4.05	
Ch:86.8m to 101.7m		1	14.90	0.90	0.15	2.01	
Ch:101.7m to 106.4m **Gap**		1	4.70				
Ch:106.4m to 136.4m		1	30.00	0.90	0.15	4.05	
Ch:136.4m to156.7m		1	20.30	0.90	0.15	2.74	
Ch:156.7m to172.1m		1	15.40	0.90	0.15	2.08	
Ch:172.1m to 188.2m		1	16.10	0.90	0.15	2.17	
Cross rd							
LHS							
Ch:0m to 25.1m		1	25.10	0.90	0.15	3.39	
RHS							
Ch:0m to 26.4m		1	26.40	0.90	0.15	3.56	
Maruthi nagara							
Main Road							
LHS							
Ch:0m to 30m		1	30.00	0.90	0.15	4.05	
Ch:30m to 60m		1	30.00	0.90	0.15	4.05	
Ch:60m to 65.8m		1	5.80	0.90	0.15	0.78	
Ch:65.8m to 75.9m		1	10.10	0.90	0.15	1.36	
Ch:75.9m to 105.9m		1	30.00	0.90	0.15	4.05	
Ch:105.9m to 135.9m		1	30.00	0.90	0.15	4.05	
Ch:135.9m to 148.4m		1	12.50	0.90	0.15	1.69	
RHS(Dead End)							
Ch:0m to 30m		1	30.00	0.90	0.15	4.05	
Ch:30m to 48.2m		1	18.20	0.90	0.15	2.46	
Ch:48.2m to 51.2m		1	3.00	0.90	0.15	0.41	
Ch:51.2m to 60.2m		1	9.00	0.90	0.15	1.22	
Rd Gap(1st Cross Rd)							
Ch:60.2m to 76.7m		1	16.50	0.95	0.15	2.35	
Ch:76.7m to 89.2m **Gap**		1	12.50				
Ch:89.2m to 119.2m		1	30.00	0.95	0.15	4.28	
Ch:119.2m to 141.9m		1	22.70	0.95	0.15	3.23	
1st Cross Rd							
LHS							
Ch:0m to 16.4m		1	16.40	0.95	0.15	2.34	
Ch:16.4m to 31.8m		1	15.40	0.95	0.15	2.19	
Rd Gap(2nd Cross Rd)							
Ch: 31.8m to 61.8m		1	30.00	0.95	0.15	4.28	
Rd Gap(3rd Cross Rd)							
Ch:61.8m to 90.8m		1	29.00	0.95	0.15	4.13	
upto Turning							
RHS(Dead End)							
Ch:0m to 9.4m		1	9.40	0.95	0.15	1.34	
Ch:9.4m to 39.4m		1	30.00	0.95	0.15	4.28	
Ch:39.4m to 69.4m		1	30.00	0.95	0.15	4.28	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Ch:69.4m to 99.4m		1	30.00	0.95	0.15	4.28	
Ch:99.4m to 111m		1	11.60	0.95	0.15	1.65	
Ch:111m to 114m		1	3.00	0.95	0.15	0.43	
Ch:114m to 121.3m		1	7.30	0.95	0.15	1.04	
2nd Cross Rd							
RHS							
Ch:0m to 30m		1	30.00	0.95	0.15	4.28	
Ch:0m to 56.9m		1	26.90	0.95	0.15	3.83	
3rd Cross Rd							
LHS							
Ch:0m to 19.5m		1	19.50	0.95	0.15	2.78	
Ch:19.5m to 28.9m		1	9.40	0.95	0.15	1.34	
Ch:28.9m to 47m		1	18.10	0.95	0.15	2.58	
Ch:47m to 54.6m		1	7.60	0.95	0.15	1.08	
Ch:54.6m to 84.6m		1	30.00	0.95	0.15	4.28	
Ch:84.6m to 114.6m		1	30.00	0.95	0.15	4.28	
Ch:114.6m to 132.9m		1	18.30	0.95	0.15	2.61	
RHS(Dead end)							
Ch:0m to 12.4m **Gap**		1	12.40				
Ch:12.4m to 21.5m		1	9.10	0.95	0.15	1.30	
Ch:21.5m to 30.7m **Gap**		1	9.20				
Ch:30.7m to 40.7m		1	10.00	0.95	0.15	1.43	
Ch:40.7m to 43.7m		1	3.00	0.95	0.15	0.43	
Ch:43.7m to 49.5m		1	5.80	0.95	0.15	0.83	
Ch:49.5m to 58.9m		1	9.40	0.95	0.15	1.34	
Ch:58.9m to 67.9m		1	9.00	0.95	0.15	1.28	
Ch:67.9m to 77.3m		1	9.40	0.95	0.15	1.34	
Ch:77.3m to 93.5m		1	16.20	0.95	0.15	2.31	
Ch:93.5m to 102.7m		1	9.20	0.95	0.15	1.31	
Ch:102.7m to111.7m		1	9.00	0.95	0.15	1.28	
Ch:111.7m to 121m		1	9.30	0.95	0.15	1.33	
Ch:121m to 131.8m		1	10.80	0.95	0.15	1.54	
4th Cross Rd							
LHS							
Ch:0m to 30m		1	30.00	0.95	0.15	4.28	
Ch:30m to 39.8m		1	9.80	0.95	0.15	1.40	
Ch:39.8m to 45.7m		1	5.90	0.95	0.15	0.84	
Ch:45.7m to 56.6m		1	10.90	0.95	0.15	1.55	
Ch:56.6m to 86.6m		1	30.00	0.95	0.15	4.28	
Ch:86.6m to 116.6m		1	30.00	0.95	0.15	4.28	
Ch:116.6m to 126.4m		1	9.80	0.95	0.15	1.40	
RHS(Dead end)							
Ch:0m to 24.4m		1	24.40	0.95	0.15	3.48	
Ch:24.4m to 34m		1	9.60	0.95	0.15	1.37	
Ch:34m to 64m		1	30.00	0.95	0.15	4.28	
Ch:64m to 71m		1	7.00	0.95	0.15	1.00	
Ch:71m to 73.4m		1	2.40	0.95	0.15	0.34	
Ch:73.4m to 80.9m		1	7.50	0.95	0.15	1.07	
Ch:80.9m to 94.9m		1	14.00	0.95	0.15	2.00	
Ch:94.9m to 109.6m		1	14.70	0.95	0.15	2.09	
Ch:109.6m to 123.2m		1	13.60	0.95	0.15	1.94	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Wall							
Ambhabhavani Layout							
Main Road							
LHS(From Dead end)							
Ch:0m to 23m							
Culvert Gap(9th Cross)		2	23.00	0.15	0.60	4.14	
Ch:23m to 48.3m							
Culvert Gap(8th Cross)		2	25.30	0.15	0.60	4.55	
Ch:48.3m to 74.5m							
Rd Gap(7th Cross)		2	26.20	0.15	0.60	4.72	
Ch:74.5m to 88.4m							
RHS(at 6th Cross rd)		2	13.9	0.15	0.60	2.50	
Ch:0m to 3.4m							
Culvert Gap(6th Cross)		2	3.40	0.15	0.65	0.66	
Ch:3.4m to19.7m		-					
Rd Gap(7th Cross)		2	16.3	0.15	0.65	3.18	
Ch:19.7m to 32.8m **Gap**							
Ch:32.8m to 45.4m		2	13.1				
Rd Gap(8th Cross)		2	12.6	0.15	0.60	2.27	
Ch:45.4m to 71.3m							
Culvert Gap(1st Main)		2	25.90	0.15	0.60	4.66	
Ch:71.3m to 92.6m							
8th Cross Rd		2	21.30	0.15	0.60	3.83	
LHS(Dead end)							
Gap		2	12.70				
Ch:0m to 30m		2	30.00	0.15	0.65	5.85	
Ch:30m to 60m		2	30.00	0.15	0.65	5.85	
Ch:60m to 60.1m		2	0.10	0.15	0.65	0.02	
Culvert Gap							
Ch:60.1m to 74.9m		2	14.80	0.15	0.60	2.66	
Ch:74.9m to 79.8m **Gap**		2	4.90				
Ch:79.8m to 103.8m		2	24.00	0.15	0.60	4.32	
Ch:103.8m to 113m **Gap**		2	9.20				
Ch:113m to 136.2m		2	23.20	0.15	0.65	4.52	
Ch:136.2m to 141.2m		2	5.00	0.15	0.65	0.98	
Ch:141.2m to 168.3m		2	27.10	0.15	0.65	5.28	
RHS(Main Rd)							
Ch:0m to 10m		2	10.00	0.15	0.65	1.95	
Ch:10m to 18.7m		2	8.70	0.15	0.65	1.70	
Ch:18.7m to 23.7m		2	5.00	0.15	0.65	0.98	
Ch:23.7m to 27.9m		2	4.20	0.15	0.65	0.82	
Ch:27.9m to 46.9m		2	19.00	0.15	0.65	3.71	
Ch:46.9m to 56.8m		2	9.90	0.15	0.65	1.93	
Ch:56.8m to 86.8m		2	30.00	0.15	0.65	5.85	
Ch:86.8m to 101.7m		2	14.90	0.15	0.65	2.91	
Ch:101.7m to 106.4m **Gap**		2	4.70				
Ch:106.4m to 136.4m		2	30.00	0.15	0.65	5.85	
Ch:136.4m to156.7m		2	20.30	0.15	0.65	3.96	
Ch:156.7m to172.1m		2	15.40	0.15	0.65	3.00	
Ch:172.1m to 188.2m		2	16.10	0.15	0.65	3.14	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Cross rd							
LHS							
Ch:0m to 25.1m		2	25.10	0.15	0.60	4.52	
RHS							
Ch:0m to 26.4m		2	26.40	0.15	0.60	4.75	
Maruthi nagara							
Main Road							
LHS							
Ch:0m to 30m		2	30.00	0.15	0.65	5.85	
Ch:30m to 60m		2	30.00	0.15	0.65	5.85	
Ch:60m to 65.8m		2	5.80	0.15	0.65	1.13	
Ch:65.8m to 75.9m		2	10.10	0.15	0.65	1.97	
Ch:75.9m to 105.9m		2	30.00	0.15	0.65	5.85	
Ch:105.9m to 135.9m		2	30.00	0.15	0.65	5.85	
Ch:135.9m to 148.4m		2	12.50	0.15	0.65	2.44	
RHS(Dead End)							
Ch:0m to 30m		2	30.00	0.15	0.65	5.85	
Ch:30m to 48.2m		2	18.20	0.15	0.65	3.55	
Ch:48.2m to 51.2m		2	3.00	0.15	0.65	0.59	
Ch:51.2m to 60.2m		2	9.00	0.15	0.65	1.76	
Rd Gap(1st Cross Rd)							
Ch:60.2m to 76.7m		2	16.50	0.15	0.60	2.97	
Ch:76.7m to 89.2m **Gap**		2	12.50				
Ch:89.2m to 119.2m		2	30.00	0.15	0.65	5.85	
Ch:119.2m to 141.9m		2	22.70	0.15	0.65	4.43	
1st Cross Rd							
LHS							
Ch:0m to 16.4m		2	16.40	0.15	0.60	2.95	
Ch:16.4m to 31.8m		2	15.40	0.15	0.60	2.77	
Rd Gap(2nd Cross Rd)							
Ch: 31.8m to 61.8m		2	30.00	0.15	0.60	5.40	
Rd Gap(3rd Cross Rd)							
Ch:61.8m to 90.8m		2	29.00	0.15	0.60	5.22	
upto Turning							
RHS(Dead End)							
Ch:0m to 9.4m		2	9.40	0.15	0.65	1.83	
Ch:9.4m to 39.4m		2	30.00	0.15	0.65	5.85	
Ch:39.4m to 69.4m		2	30.00	0.15	0.65	5.85	
Ch:69.4m to 99.4m		2	30.00	0.15	0.65	5.85	
Ch:99.4m to 111m		2	11.60	0.15	0.65	2.26	
Ch:111m to 114m		2	3.00	0.15	0.65	0.59	
Ch:114m to 121.3m		2	7.30	0.15	0.65	1.42	
2nd Cross Rd							
RHS							
Ch:0m to 30m		2	30.00	0.15	0.65	5.85	
Ch:0m to 56.9m		2	26.90	0.15	0.65	5.25	
3rd Cross Rd							
LHS							
Ch:0m to 19.5m		2	19.50	0.15	0.65	3.80	
Ch:19.5m to 28.9m		2	9.40	0.15	0.65	1.83	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
h:28.9m to 47m		2	18.10	0.15	0.65	3.53	
h:47m to 54.6m		2	7.60	0.15	0.65	1.48	
h:54.6m to 84.6m		2	30.00	0.15	0.65	5.85	
h:84.6m to 114.6m		2	30.00	0.15	0.65	5.85	
h:114.6m to 132.9m		2	18.30	0.15	0.65	3.57	
:HS(Dead end)							
h:0m to 12.4m **Gap**		2	12.40				
h:12.4m to 21.5m		2	9.10	0.15	0.50	1.37	
h:21.5m to 30.7m **Gap**		2	9.20				
h:30.7m to 40.7m		2	10.00	0.15	0.65	1.95	
h:40.7m to 43.7m		2	3.00	0.15	0.65	0.59	
h:43.7m to 49.5m		2	5.80	0.15	0.65	1.13	
h:49.5m to 58.9m		2	9.40	0.15	0.65	1.83	
h:58.9m to 67.9m		2	9.00	0.15	0.65	1.76	
h:67.9m to 77.3m		2	9.40	0.15	0.65	1.83	
h:77.3m to 93.5m		2	16.20	0.15	0.65	3.16	
h:93.5m to 102.7m		2	9.20	0.15	0.65	1.79	
h:102.7m to111.7m		2	9.00	0.15	0.65	1.76	
h:111.7m to 121m		2	9.30	0.15	0.65	1.81	
h:121m to 131.8m		2	10.80	0.15	0.65	2.11	
lth Cross Rd							
LHS							
h:0m to 30m		2	30.00	0.15	0.65	5.85	
h:30m to 39.8m		2	9.80	0.15	0.65	1.91	
h:39.8m to 45.7m		2	5.90	0.15	0.65	1.15	
h:45.7m to 56.6m		2	10.90	0.15	0.65	2.13	
h:56.6m to 86.6m		2	30.00	0.15	0.65	5.85	
h:86.6m to 116.6m		2	30.00	0.15	0.65	5.85	
h:116.6m to 126.4m		2	9.80	0.15	0.65	1.91	
RHS(Dead end)							
h:0m to 24.4m		2	24.40	0.15	0.65	4.76	
h:24.4m to 34m		2	9.60	0.15	0.65	1.87	
h:34m to 64m		2	30.00	0.15	0.65	5.85	
h:64m to 71m		2	7.00	0.15	0.65	1.37	
h:71m to 73.4m		2	2.40	0.15	0.65	0.47	
h:73.4m to 80.9m		2	7.50	0.15	0.65	1.46	
h:80.9m to 94.9m		2	14.00	0.15	0.65	2.73	
h:94.9m to 109.6m		2	14.70	0.15	0.65	2.87	
h:109.6m to 123.2m		2	13.60	0.15	0.65	2.65	
Culvert Raft							
Ambhabhavani Layout							
Main Road		1	6.30	1.40	0.23	2.03	
6th Cross rd(LHS)		1	6.50	1.40	0.23	2.09	
8th Cross rd(LHS)		1	6.20	1.40	0.23	2.00	
9th Cross rd(LHS)		1	3.70	1.40	0.23	1.19	
10th Cross rd(LHS)		1	8.00	1.40	0.23	2.58	
6th Cross rd(RHS)		1	5.60	1.40	0.23	1.80	
1st Main Rd(RHS)		1	4.00	1.40	0.23	1.29	
2nd Main Rd(RHS)		1	5.60	1.40	0.23	1.80	
8th Cross rd							
Maruthi nagara							

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
d Cross Rd		1	6.20	1.60	0.23	2.28	
owdappa Layout		1	6.00	1.40	0.23	1.93	
lvert Wall							
mbhabhavani Layout							
lain Road							
h Cross rd(LHS)		2	6.30	0.23	0.60	1.74	
h Cross rd(LHS)		2	6.50	0.23	0.60	1.79	
h Cross rd(LHS)		2	6.20	0.23	0.60	1.71	
0th Cross rd(LHS)		2	3.70	0.23	0.60	1.02	
th Cross rd(RHS)		2	8.00	0.23	0.60	2.21	
st Main Rd(RHS)		2	5.60	0.23	0.60	1.55	
nd Main Rd(RHS)		2	4.00	0.23	0.60	1.10	
th Cross rd		2	5.60	0.23	0.60	1.55	
Maruthi nagara							
rd Cross Rd		2	6.20	0.25	0.60	1.86	
Chowdappa Layout		2	6.00	0.23	0.60	1.66	
					Present Qty	**562.69**	**Cum**

Contractor

NEELEN CONSULTANT BANGALORE

PMC

Assistant Engineer

3.12.2020

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ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

3/12/2020

mprovements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

f Pre-Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.							
RCC Drain							
Ambhabhavani Layout							
Main Road							
LHS(From Dead end)							
Total Drain length=88.4m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=884.00Nos		884	2.00		0.61	1078.48	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	88.40		0.61	754.94	
RHS(at 6th Cross rd)							
Total Drain length=79.5m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=795.00Nos		795	2.00		0.61	969.90	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	79.50		0.61	678.93	
8th Cross Rd							
LHS(Dead end)							
Total Drain length=154.2m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1542.00Nos		1542	2.00		0.61	1881.24	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	154.20		0.61	1316.87	
RHS(Main Rd)							
Total Drain length=183.5m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1835.00Nos		1835	2.00		0.61	2238.70	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	183.50		0.61	1567.09	
Cross rd							

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
LHS							
Total Drain length=25.1m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=251.00Nos		251	2.00		0.61	306.22	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	25.10		0.61	214.35	
RHS							
Total Drain length=26.4m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=264.00Nos		264	2.00		0.61	322.08	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	26.40		0.61	225.46	
Maruthi nagara							
Main Road							
LHS							
Total Drain length=148.4m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1484.00Nos		1484	2.00		0.61	1810.48	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	148.40		0.61	1267.34	
RHS(Dead End)							
Total Drain length=129.4m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1294.00Nos		1294	2.00		0.61	1578.68	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	12.94		0.61	110.51	
1st Cross Rd							
LHS							
Total Drain length=90.8m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=908.00Nos		908	2.00		0.61	1107.76	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	90.80		0.61	775.43	
RHS(Dead End)							
Total Drain length=121.3m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1213.00Nos		1213	2.00		0.61	1479.86	

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	121.30		0.61	1035.90	
2nd Cross Rd							
RHS							
Total Drain length=56.9m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=569.00Nos		569	2.00		0.61	694.18	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	56.90		0.61	485.93	
3rd Cross Rd							
LHS							
Total Drain length=132.9m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1329.00Nos		1329	2.00		0.61	1621.38	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	132.90		0.61	1134.97	
RHS(Dead end)							
Total Drain length=110.2m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1102.00Nos		1102	2.00		0.61	1344.44	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	110.20		0.61	941.11	
4th Cross Rd							
LHS							
Total Drain length=126.4m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1264.00Nos		1264	2.00		0.61	1542.08	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	126.40		0.61	1079.46	
RHS(Dead end)							
Total Drain length=123.2m							
Main bar 10mm dia bar @ 100mm							
0.61kg/mtr							
No of U-bar=1232.00Nos		1232	2.00		0.61	1503.04	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		14	123.20		0.61	1052.13	
Culvert							

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Main bar 10mm dia bar @ 125mm							
0.61kg/mtr, double mat							
No of U-bar=928.00Nos		928	2.50		0.61	1415.20	
Distribution bar							
Distribution bar 10mm dia @ 150mm							
0.61kg/mtr, double mat		32	58.10		0.61	1134.11	
						34668.23	Kgs
					Present Qty	**34.67**	**Ton**

Contractor

NEWGEN CONSULTANT BANGALORE PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
Asst. Executive Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

Book of Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.									
Ambhabhavani Layout									
Main Road									
LHS(From Dead end)									
Ch:0m to 23m		1	23.00	0.90		20.70			
Culvert Gap(9th Cross)									
Ch:23m to 48.3m		1	25.30	0.90		22.77			
Culvert Gap(8th Cross)									
Ch:48.3m to 74.5m		1	26.20	0.90		23.58			
Rd Gap(7th Cross)									
Ch:74.5m to 88.4m		1	13.9	0.90		12.51			
RHS(at 6th Cross rd)									
Ch:0m to 3.4m		1	3.40	0.90		3.06			
Culvert Gap(6th Cross)									
Ch:3.4m to19.7m		1	16.3	0.90		14.67			
Rd Gap(7th Cross)									
Ch:19.7m to 32.8m **Gap**		1	13.1	0.00		0.00			
Ch:32.8m to 45.4m		1	12.6	0.90		11.34			
Rd Gap(8th Cross)									
Ch:45.4m to 71.3m		1	25.90	0.90		23.31			
Culvert Gap(1st Main)									
Ch:71.3m to 92.6m		1	21.30	0.90		19.17			
8th Cross Rd									
LHS(Dead end)									
Gap		1	12.70						
Ch:0m to 30m		1	30.00	0.90		27.00			
Ch:30m to 60m		1	30.00	0.90		27.00			
Ch:60m to 60.1m		1	0.10	0.90		0.09			
Culvert Gap									
Ch:60.1m to 74.9m		1	14.80	0.90		13.32			
Ch:74.9m to 79.8m **Gap**		1	4.90	0.00		0.00			
Ch:79.8m to 103.8m		1	24.00	0.90		21.60			
Ch:103.8m to 113m **Gap**		1	9.20	0.00		0.00			
Ch:113m to 136.2m		1	23.20	0.90		20.88			
Ch:136.2m to 141.2m		1	5.00	0.00		0.00			
Ch:141.2m to 168.3m		1	27.10	0.90		24.39			
RHS(Main Rd)									
Ch:0m to 10m		1	10.00	0.90		9.00			
Ch:10m to 18.7m		1	8.70	0.00		0.00			
Ch:18.7m to 23.7m		1	5.00	0.90		4.50			
Ch:23.7m to 27.9m		1	4.20	0.00		0.00			
Ch:27.9m to 46.9m		1	19.00	0.90		17.10			
Ch:46.9m to 56.8m		1	9.90	0.00		0.00			
Ch:56.8m to 86.8m		1	30.00	0.90		27.00			
Ch:86.8m to 101.7m		1	14.90	0.90		13.41			
Ch:101.7m to 106.4m **Gap**		1	4.70	0.00		0.00			
Ch:106.4m to 136.4m		1	30.00	0.90		27.00			
Ch:136.4m to156.7m		1	20.30	0.90		18.27			
Ch:156.7m to172.1m		1	15.40	0.00		0.00			
Ch:172.1m to 188.2m		1	16.10	0.90		14.49			
Cross rd									
LHS		1	25.10	0.90		22.59			
Ch:0m to 25.1m									
RHS		1	26.40	0.90		23.76			
Ch:0m to 26.4m									

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Maruthi nagara									
Main Road									
LHS									
Ch:0m to 30m									
Ch:30m to 60m		1	30.00	0.90		27.00			
Ch:60m to 65.8m		1	30.00	0.90		27.00			
Ch:65.8m to 75.9m		1	5.80	0.90		5.22			
Ch:75.9m to 105.9m		1	10.10	0.00		0.00			
Ch:105.9m to 135.9m		1	30.00	0.90		27.00			
Ch:135.9m to 148.4m		1	30.00	0.90		27.00			
RHS(Dead End)		1	12.50	0.90		11.25			
Ch:0m to 30m									
Ch:30m to 48.2m		1	30.00	0.90		27.00			
Ch:48.2m to 51.2m		1	18.20	0.90		16.38			
Ch:51.2m to 60.2m		1	3.00	0.00		0.00			
Rd Gap(1st Cross Rd)		1	9.00	0.90		8.10			
Ch:60.2m to 76.7m									
Ch:76.7m to 89.2m **Gap**		1	16.50	0.90		14.85			
Ch:89.2m to 119.2m		1	12.50	0.00		0.00			
Ch:119.2m to 141.9m		1	30.00	0.90		27.00			
1st Cross Rd		1	22.70	0.90		20.43			
LHS									
Ch:0m to 16.4m		1	16.40	0.00		0.00			
Ch:16.4m to 31.8m		1	15.40	0.90		13.86			
Rd Gap(2nd Cross Rd)									
Ch: 31.8m to 61.8m		1	30.00	0.90		27.00			
Rd Gap(3rd Cross Rd)									
Ch:61.8m to 90.8m		1	29.00	0.90		26.10			
upto Turning									
RHS(Dead End)									
Ch:0m to 9.4m		1	9.40	0.90		8.46			
Ch:9.4m to 39.4m		1	30.00	0.90		27.00			
Ch:39.4m to 69.4m		1	30.00	0.90		27.00			
Ch:69.4m to 99.4m		1	30.00	0.90		27.00			
Ch:99.4m to 111m		1	11.60	0.90		10.44			
Ch:111m to 114m		1	3.00	0.00		0.00			
Ch:114m to 121.3m		1	7.30	0.90		6.57			
2nd Cross Rd									
RHS									
Ch:0m to 30m		1	30.00	0.90		27.00			
Ch:0m to 56.9m		1	26.90	0.90		24.21			
3rd Cross Rd									
LHS									
Ch:0m to 19.5m		1	19.50	0.90		17.55			
Ch:19.5m to 28.9m		1	9.40	0.00		0.00			
Ch:28.9m to 47m		1	18.10	0.90		16.29			
Ch:47m to 54.6m		1	7.60	0.00		0.00			
Ch:54.6m to 84.6m		1	30.00	0.90		27.00			
Ch:84.6m to 114.6m		1	30.00	0.90		27.00			
Ch:114.6m to 132.9m		1	18.30	0.90		16.47			
RHS(Dead end)									
Ch:0m to 12.4m **Gap**		1	12.40	0.00		0.00			
Ch:12.4m to 21.5m		1	9.10	0.90		8.19			
Ch:21.5m to 30.7m **Gap**		1	9.20	0.00		0.00			
Ch:30.7m to 40.7m		1	10.00	0.90		9.00			
Ch:40.7m to 43.7m		1	3.00	0.00		0.00			
Ch:43.7m to 49.5m		1	5.80	0.90		5.22			
Ch:49.5m to 58.9m		1	9.40	0.00		0.00			
Ch:58.9m to 67.9m		1	9.00	0.90		8.10			
Ch:67.9m to 77.3m		1	9.40	0.00		0.00			
Ch:77.3m to 93.5m		1	16.20	0.90		14.58			
Ch:93.5m to 102.7m		1	9.20	0.00		0.00			

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:102.7m to111.7m		1	9.00	0.90		8.10			
Ch:111.7m to 121m		1	9.30	0.00		0.00			
Ch:121m to 131.8m		1	10.80	0.90		9.72			
4th Cross Rd									
LHS									
Ch:0m to 30m		1	30.00	0.90		27.00			
Ch:30m to 39.8m		1	9.80	0.00		0.00			
Ch:39.8m to 45.7m		1	5.90	0.90		5.31			
Ch:45.7m to 56.6m		1	10.90	0.00		0.00			
Ch:56.6m to 86.6m		1	30.00	0.90		27.00			
Ch:86.6m to 116.6m		1	30.00	0.90		27.00			
Ch:116.6m to 126.4m		1	9.80	0.90		8.82			
RHS(Dead end)									
Ch:0m to 24.4m		1	24.40	0.90		21.96			
Ch:24.4m to 34m		1	9.60	0.00		0.00			
Ch:34m to 64m		1	30.00	0.90		27.00			
Ch:64m to 71m		1	7.00	0.90		6.30			
Ch:71m to 73.4m		1	2.40	0.00		0.00			
Ch:73.4m to 80.9m		1	7.50	0.90		6.75			
Ch:80.9m to 94.9m		1	14.00	0.00		0.00			
Ch:94.9m to 109.6m		1	14.70	0.90		13.23			
Ch:109.6m to 123.2m		1	13.60	0.00		0.00			
missing/damaged slabs									
Sainagar Phase I									
		15	0.60	0.90		8.10			
		10	0.60	0.90		5.40			
		8	0.60	0.90		4.32			
		12	0.60	0.90		6.48			
		18	0.60	0.90		9.72			
		20	0.60	0.90		10.80			
		7	0.60	0.90		3.78			
		12	0.60	0.90		6.48			
Ayyappa layout									
		6	0.60	0.90		3.24			
		12	0.60	0.90		6.48			
		5	0.60	0.90		2.70			
		9	0.60	0.90		4.86			
		11	0.60	0.90		5.94			
		8	0.60	0.90		4.32			
		9	0.60	0.90		4.86			
		14	0.60	0.90		7.56			
		12	0.60	0.90		6.48			
		10	0.60	0.90		5.40			
		5	0.60	0.90		2.70			
Jyothinagara									
		8	0.60	0.90		4.32			
		5	0.60	0.90		2.70			
		12	0.60	0.90		6.48			
		4	0.60	0.90		2.16			
		9	0.60	0.90		4.86			
		13	0.60	0.90		7.02			
Muniswamappa layout									
		9	0.60	0.90		4.86			
		7	0.60	0.90		3.78			
		15	0.60	0.90		8.10			
		5	0.60	0.90		2.70			
		10	0.60	0.90		5.40			
		7	0.60	0.90		3.78			
		13	0.60	0.90		7.02			
					Present Qty	**1435.77**	**Sqm**	**2453.85**	**3523164.21**

B.R. Naik
Contractor

NEWLEN CONSULTANTS BANGALORE
PMC

Assistant Engineer

Asst Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು 2020
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

13.B.2020

Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

Book of Measurement :

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.									
Culvert									
Ambhabhavani Layout									
Main Road									
6th Cross rd(LHS)		1	6.30	1.20		7.56			
8th Cross rd(LHS)		1	6.50	1.20		7.80			
9th Cross rd(LHS)		1	6.20	1.20		7.44			
10th Cross rd(LHS)		1	3.70	1.20		4.44			
6th Cross rd(RHS)		1	8.00	1.20		9.60			
1st Main Rd(RHS)		1	5.60	1.20		6.72			
2nd Main Rd(RHS)		1	4.00	1.20		4.80			
8th Cross rd		1	5.60	1.20		6.72			
Maruthi nagara									
3rd Cross Rd		1	6.00	1.50		9.00			
Chowdappa Layout		1	6.00	1.20		7.20			
					Present Qty	**71.28**	**Sqm**	**5688.90**	**405504.79**

Contractor

NEWLEN CONSULTANT * BANGALORE * PMC

Assistant Engineer

13.8.2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

Asst. Executive Engineer

13/08/2020

Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

of Measurement :

#	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements									
	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.									
	For kerb stone									
	Ambhabhavani Layout									
	Main Road									
	LHS(Dead end)(at Culvert)									
	Ch:0m to 23m									
	Culvert Gap(9th Cross)		1	23.00	0.30		6.90			
	Ch:23m to 48.3m									
	Culvert Gap(8th Cross)		1	25.30	0.30		7.59			
	Ch:48.3m to 74.5m									
	Rd Gap(7th Cross)		1	26.20	0.30		7.86			
	Ch:74.5m to 88.4m									
	RHS(at 6th Cross rd)		1	13.9	0.30		4.17			
	Ch:0m to 3.4m									
	Culvert Gap(6th Cross)		1	3.40	0.30		1.02			
	Ch:3.4m to19.7m									
	Rd Gap(7th Cross)		1	16.3	0.30		4.89			
	Ch:19.7m to 32.8m **Gap**		1	13.1						
	Ch:32.8m to 45.4m		1	12.6	0.30		3.78			
	Rd Gap(8th Cross)									
	Ch:45.4m to 71.3m		1	25.90	0.30		7.77			
	Culvert Gap(1st Main)									
	Ch:71.3m to 92.6m		1	21.30	0.30		6.39			
	Maruthi nagara									
	Main Road									
	LHS									
	Ch:0m to 30m		1	30.00	0.30		9.00			
	Ch:30m to 60m		1	30.00	0.30		9.00			
	Ch:60m to 65.8m		1	5.80	0.30		1.74			
	Ch:65.8m to 75.9m		1	10.10	0.30		3.03			
	Ch:75.9m to 105.9m		1	30.00	0.30		9.00			
	Ch:105.9m to 135.9m		1	30.00	0.30		9.00			
	Ch:135.9m to 148.4m		1	12.50	0.30		3.75			
	RHS(Dead End)									
	Ch:0m to 30m		1	30.00	0.30		9.00			
	Ch:30m to 48.2m		1	18.20	0.30		5.46			
	Ch:48.2m to 51.2m		1	3.00	0.30		0.90			
	Ch:51.2m to 60.2m		1	9.00	0.30		2.70			
	Rd Gap(1st Cross Rd)									
	Ch:60.2m to 76.7m		1	16.50	0.30		4.95			
	Ch:76.7m to 89.2m **Gap**		1	12.50						
	Ch:89.2m to 119.2m		1	30.00	0.30		9.00			
	Ch:119.2m to 141.9m		1	22.70	0.30		6.81			
	1st Cross Rd									
	LHS									
	Ch:0m to 16.4m		1	16.40	0.30		4.92			
	Ch:16.4m to 31.8m		1	15.00	0.30		4.50			
	Rd Gap(2nd Cross Rd)									
	Ch: 31.8m to 61.8m		1	30.00	0.30		9.00			
	Rd Gap(3rd Cross Rd)									
	Ch:61.8m to 90.8m		1	29.00	0.30		8.70			
	upto Turning									
	RHS(Dead End)									
	Ch:0m to 9.4m		1	9.40	0.30		2.82			
	Ch:9.4m to 39.4m		1	30.00	0.30		9.00			

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:39.4m to 69.4m		1	30.00	0.30		9.00			
Ch:69.4m to 99.4m		1	30.00	0.30		9.00			
Ch:99.4m to 111m		1	11.60	0.30		3.48			
Ch:111m to 114m		1	3.00	0.30		0.90			
Ch:114m to 121.3m		1	7.30	0.30		2.19			
missing/damaged kerbs									
Sainagar Phase I									
		1	3.00	0.30		0.90			
		1	6.00	0.30		1.80			
		1	7.20	0.30		2.16			
		1	6.90	0.30		2.07			
		1	4.50	0.30		1.35			
		1	8.00	0.30		2.40			
		1	10.40	0.30		3.12			
		1	5.00	0.30		1.50			
		1	13.70	0.30		4.11			
		1	12.00	0.30		3.60			
		1	5.10	0.30		1.53			
		1	13.60	0.30		4.08			
Ayyappa layout									
		1	4.00	0.30		1.20			
		1	13.40	0.30		4.02			
		1	8.90	0.30		2.67			
		1	4.70	0.30		1.41			
		1	6.80	0.30		2.04			
		1	5.20	0.30		1.56			
		1	14.00	0.30		4.20			
		1	8.40	0.30		2.52			
		1	7.10	0.30		2.13			
		1	9.50	0.30		2.85			
		1	8.40	0.30		2.52			
		1	10.20	0.30		3.06			
		1	4.00	0.30		1.20			
		1	6.30	0.30		1.89			
Jyothinagara									
		1	13.40	0.30		4.02			
		1	10.00	0.30		3.00			
		1	3.80	0.30		1.14			
		1	14.90	0.30		4.47			
		1	5.80	0.30		1.74			
		1	9.40	0.30		2.82			
		1	5.80	0.30		1.74			
		1	7.80	0.30		2.34			
		1	8.90	0.30		2.67			
Muniswamappa layout									
		1	5.00	0.30		1.50			
		1	7.10	0.30		2.13			
		1	8.50	0.30		2.55			
		1	9.90	0.30		2.97			
		1	14.70	0.30		4.41			
		1	11.40	0.30		3.42			
		1	13.50	0.30		4.05			
		1	9.20	0.30		2.76			
		1	10.20	0.30		3.06			
					Present Qty	309.90	Sqm	89.04	27593.50
						Total			13932373.56
						12% GST			1671884.83
						Grand Total			15604258.39

Contractor

NEWZEN CONSULTANT PMC BANGALORE

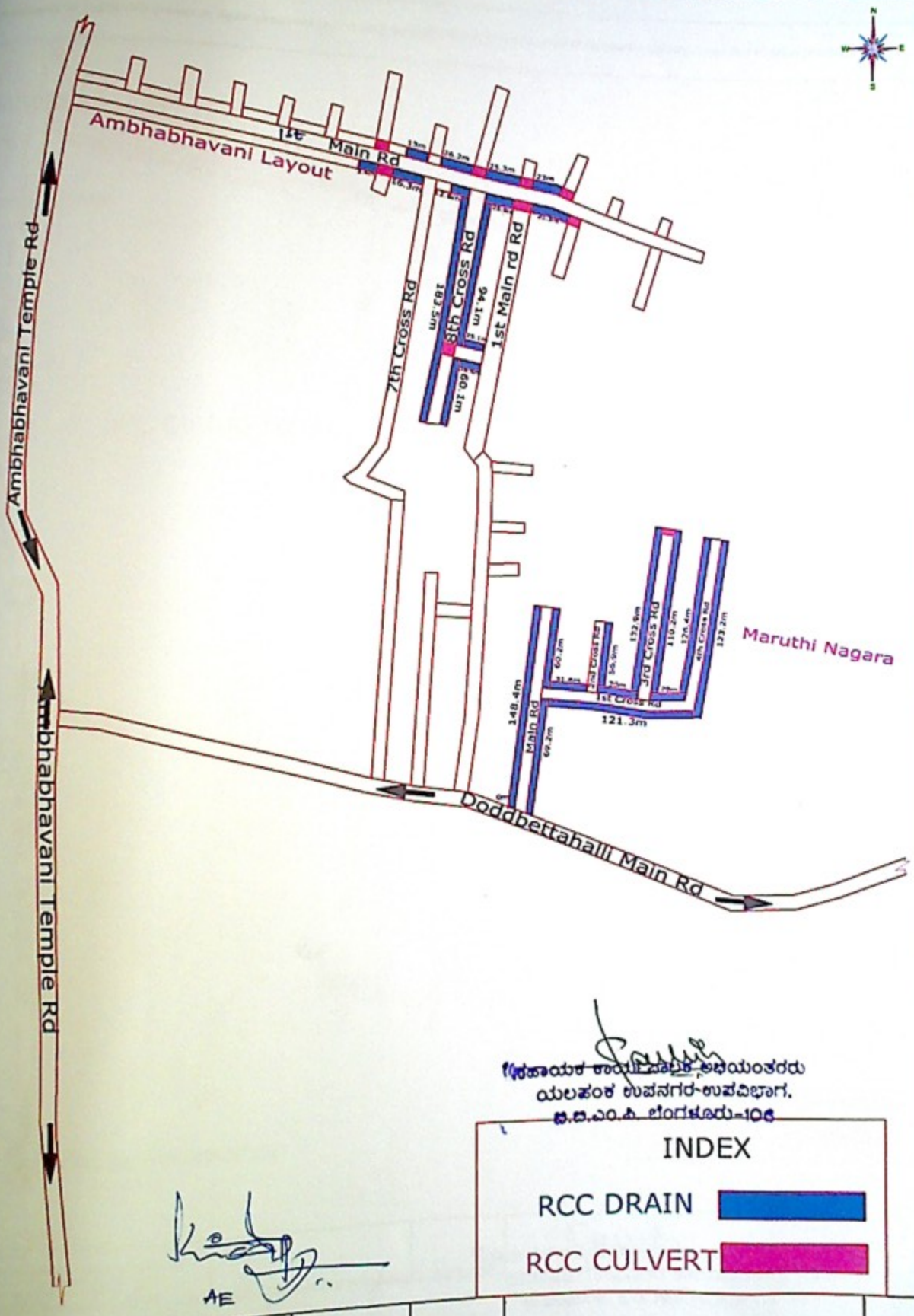
Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

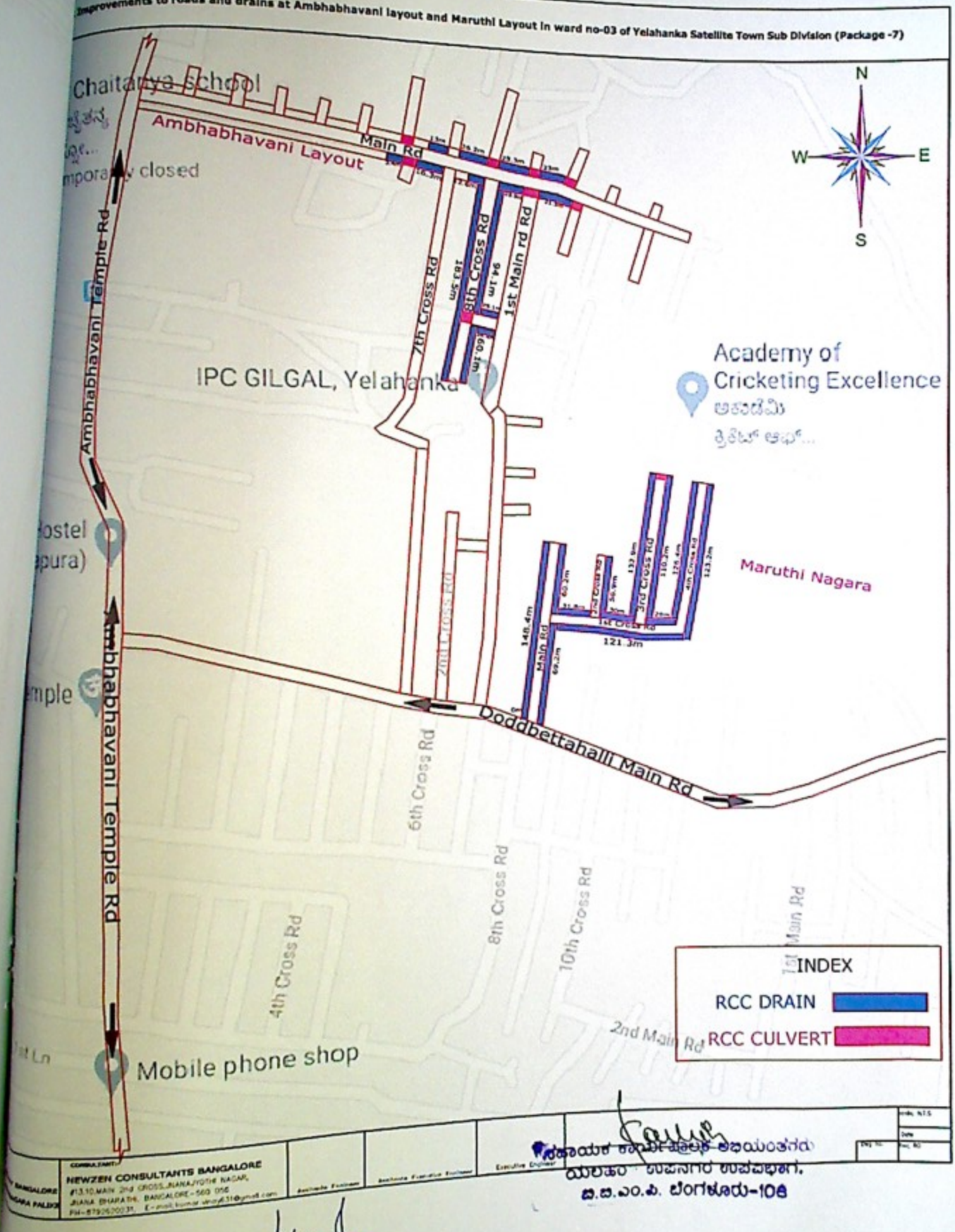
Assistant Executive Engineer,

21.8.2020

WORK: Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)



Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)



COMBATANT:
NEWZEN CONSULTANTS BANGALORE
#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,
JNANA BHARATHI, BANGALORE-560 056
PH-8792620031, E-mail:kumar.vinod.31@gmail.com

Assistant Engineer | Assistant Executive Engineer | Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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